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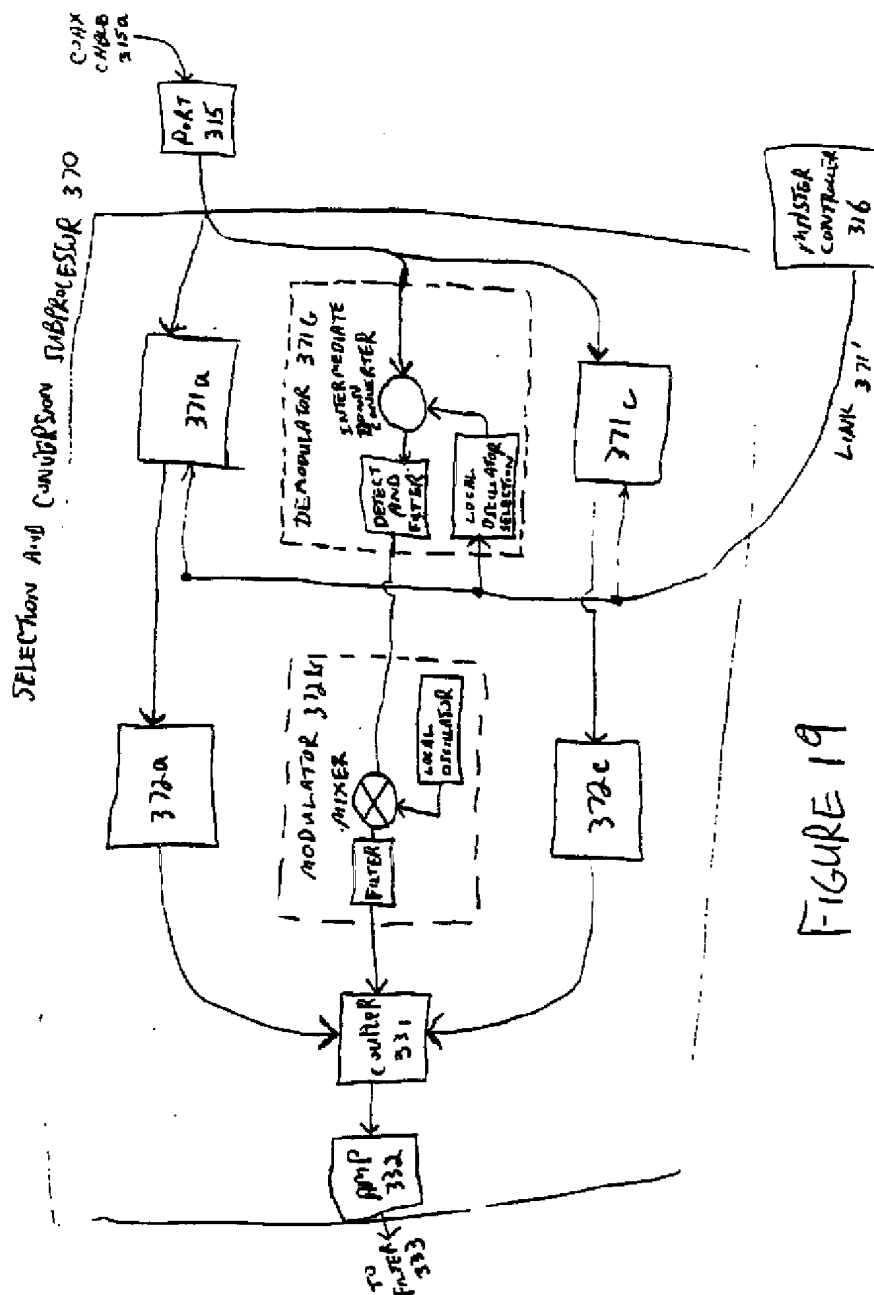
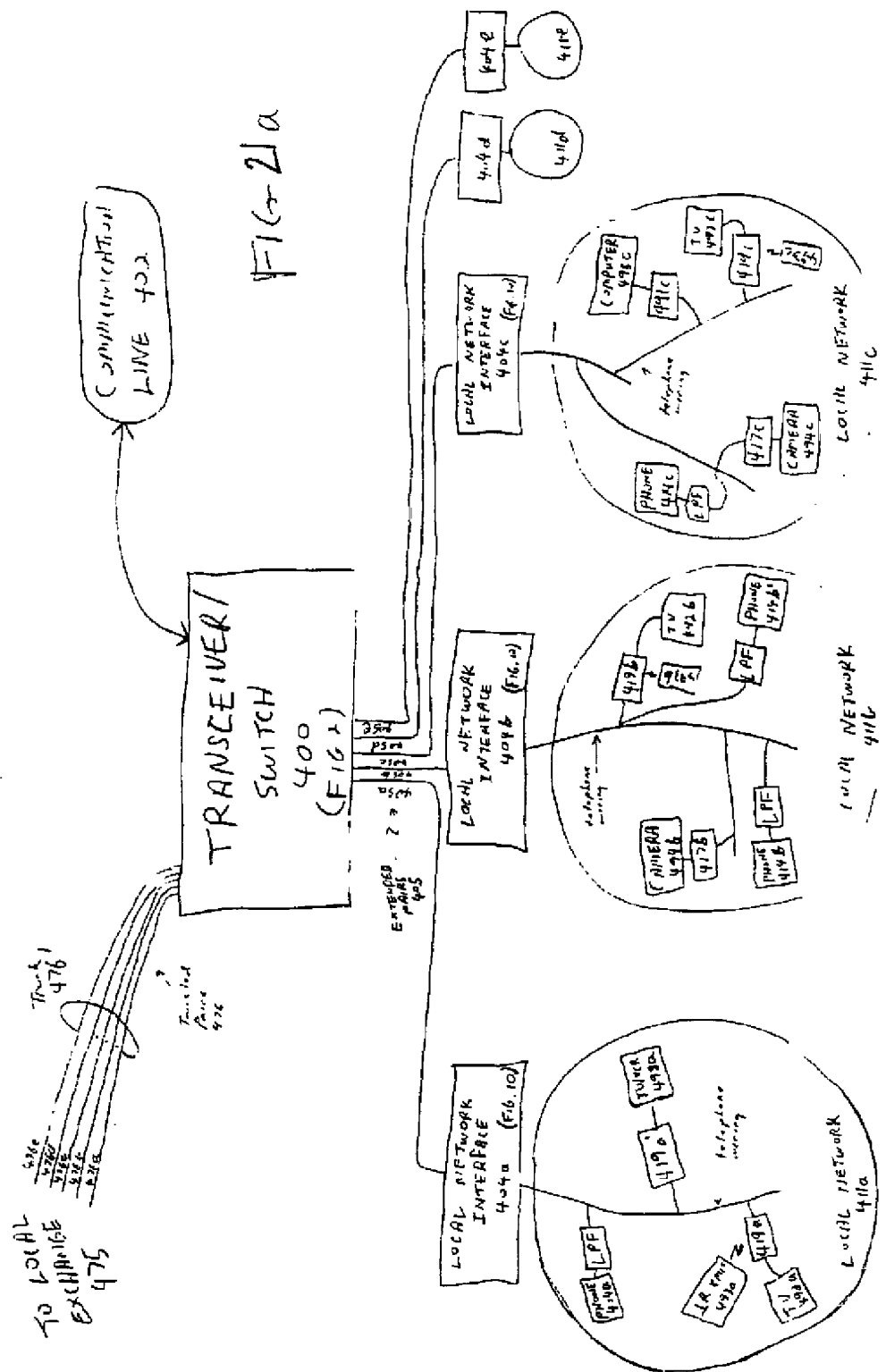
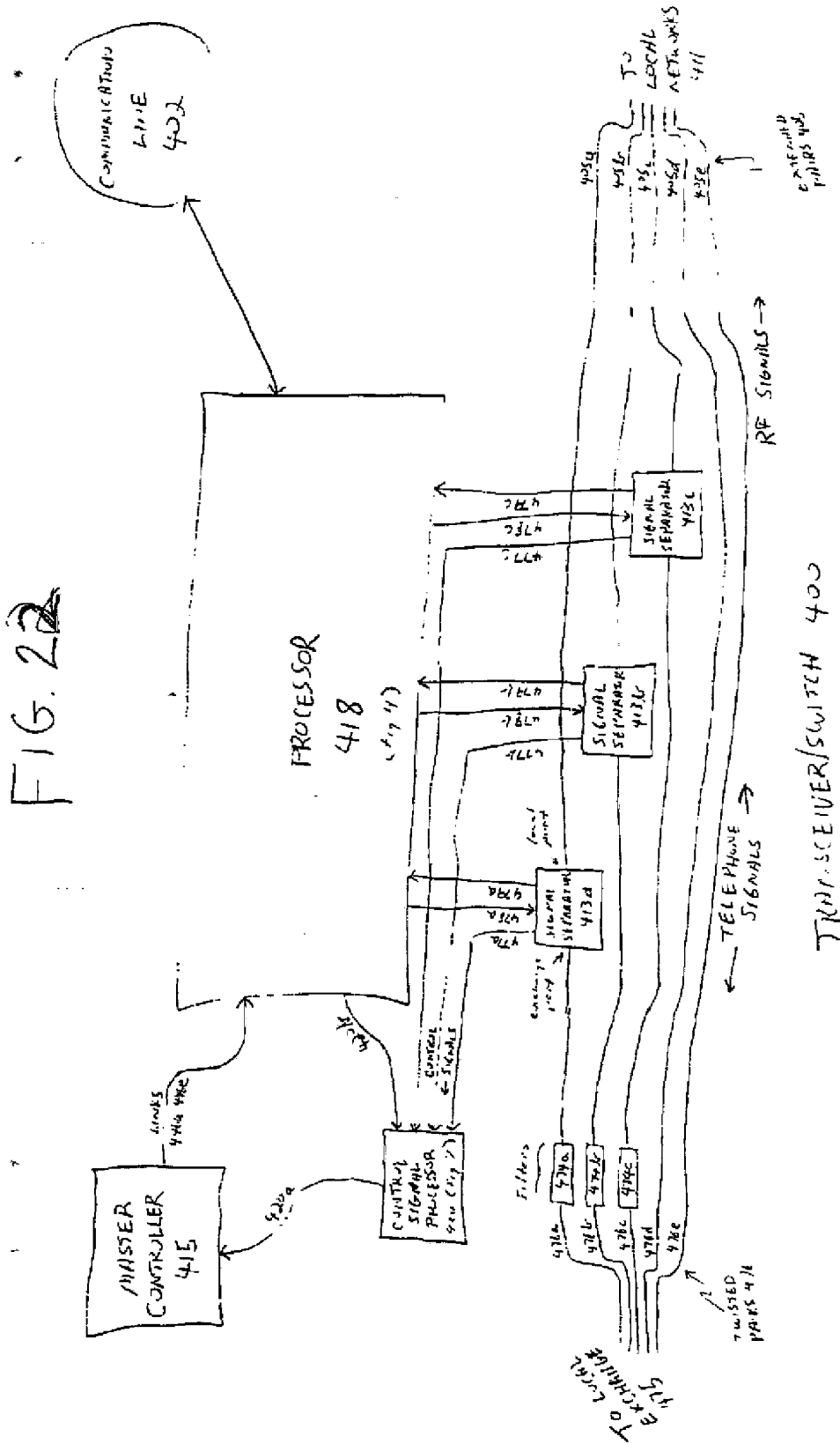


FIGURE 19

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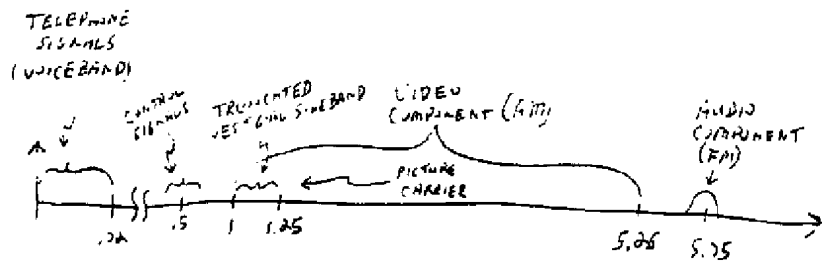


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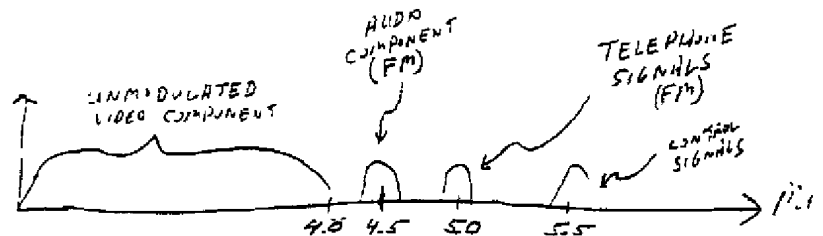
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FIG.
23a



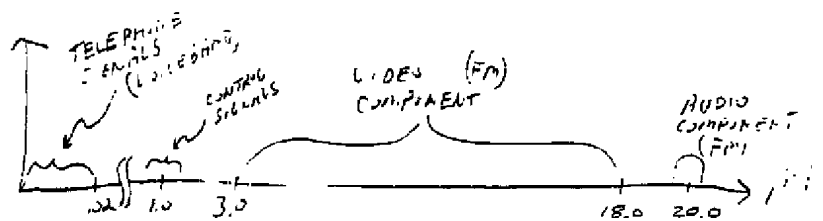
SPECTRUM OF AN AMPLITUDE
MODULATED NTSC SIGNAL
NEAR VOICEBAND

FIG.
23b



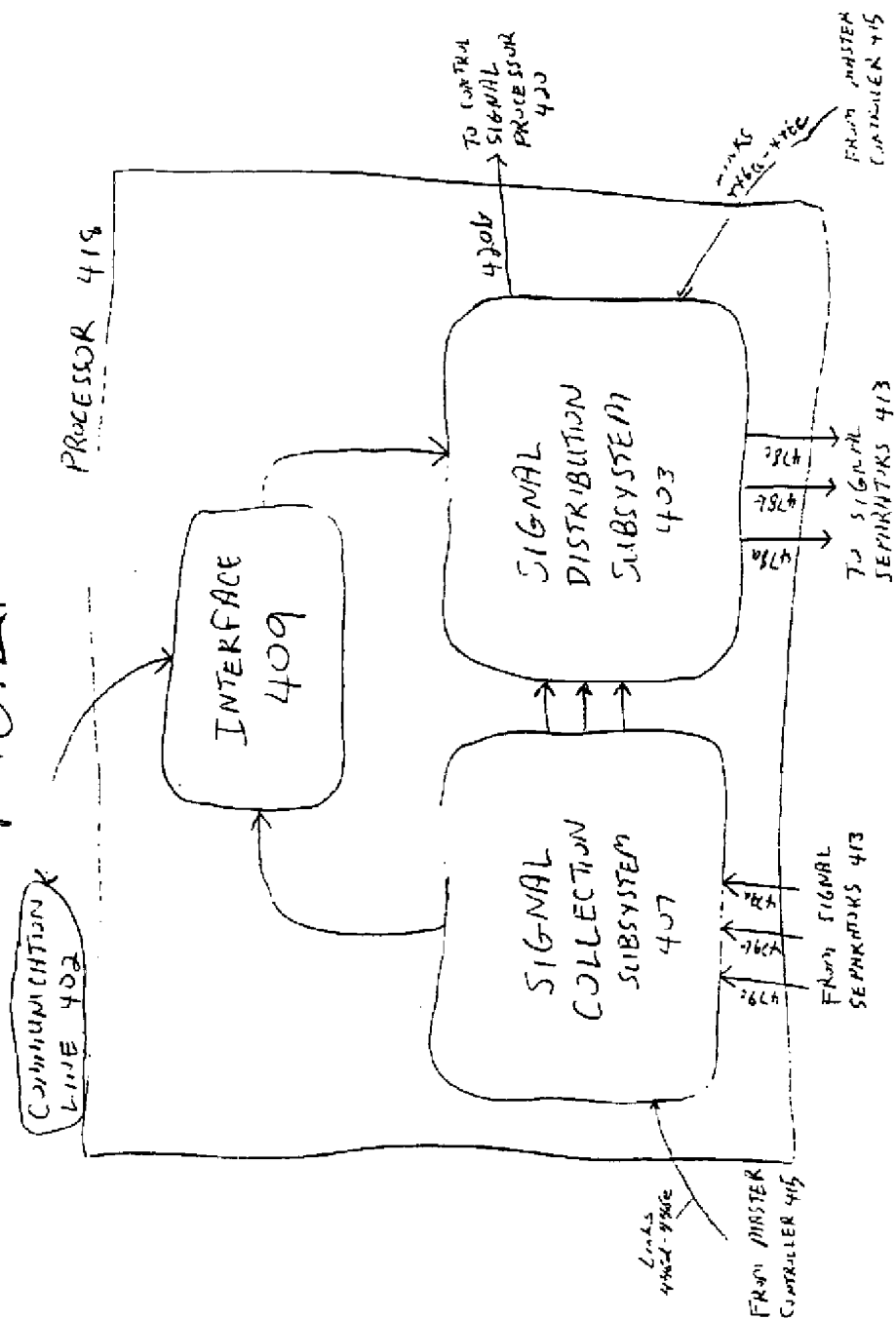
SPECTRUM OF AN NTSC SIGNAL
TRANSMITTING AT BASEBAND

FIG.
23c



SPECTRUM OF AN FM NTSC
SIGNAL NEAR VOICEBAND

FIG. 24



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FIG 24a

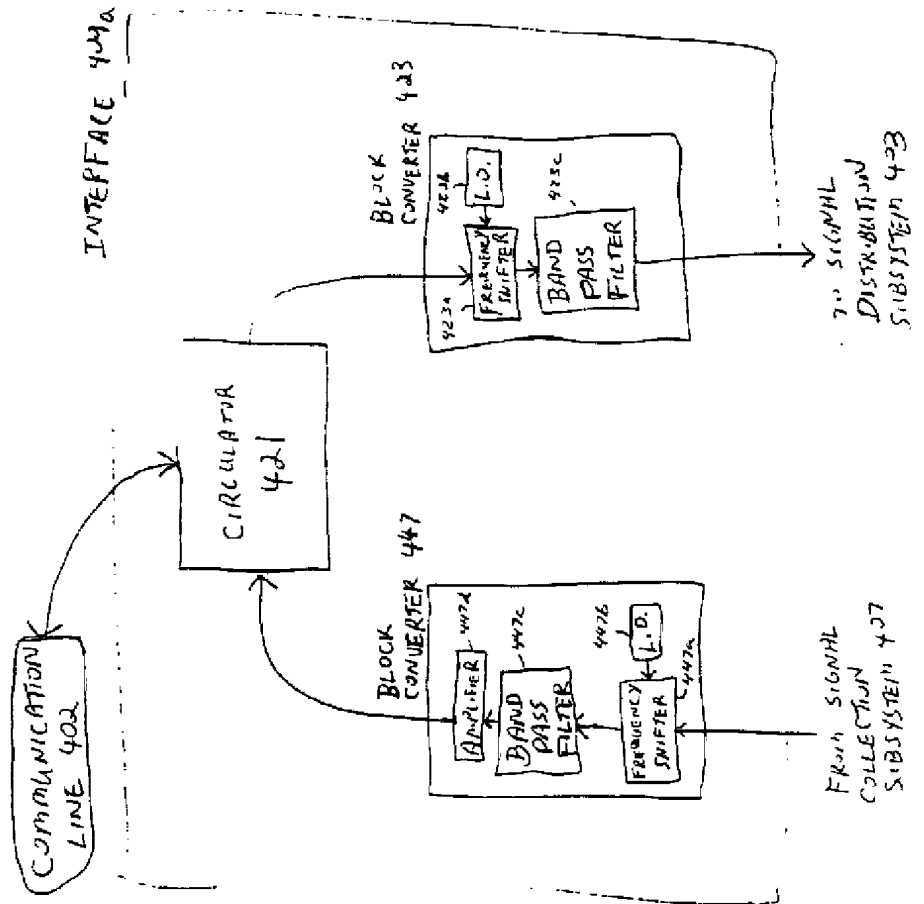
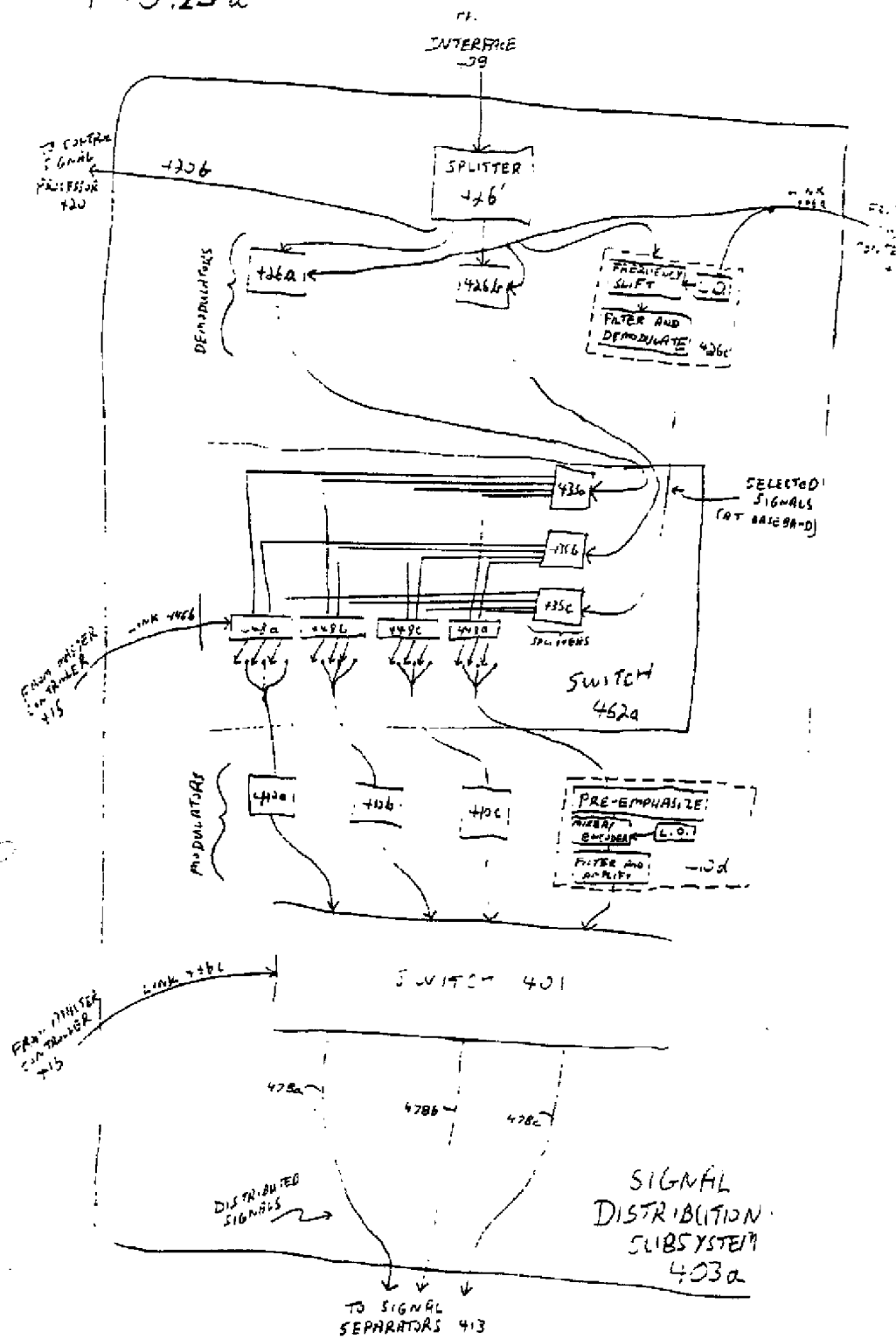
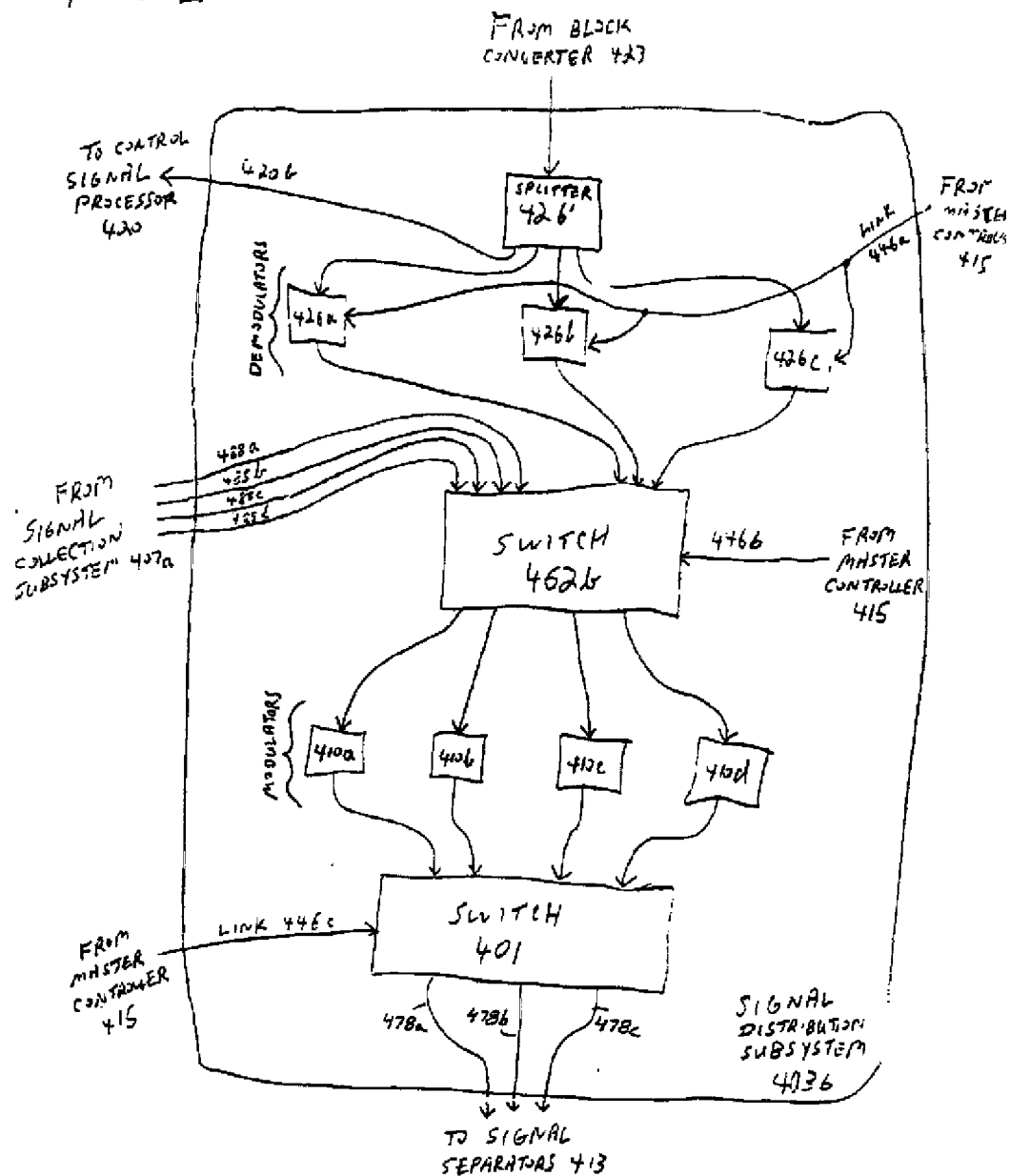


FIG. 25a



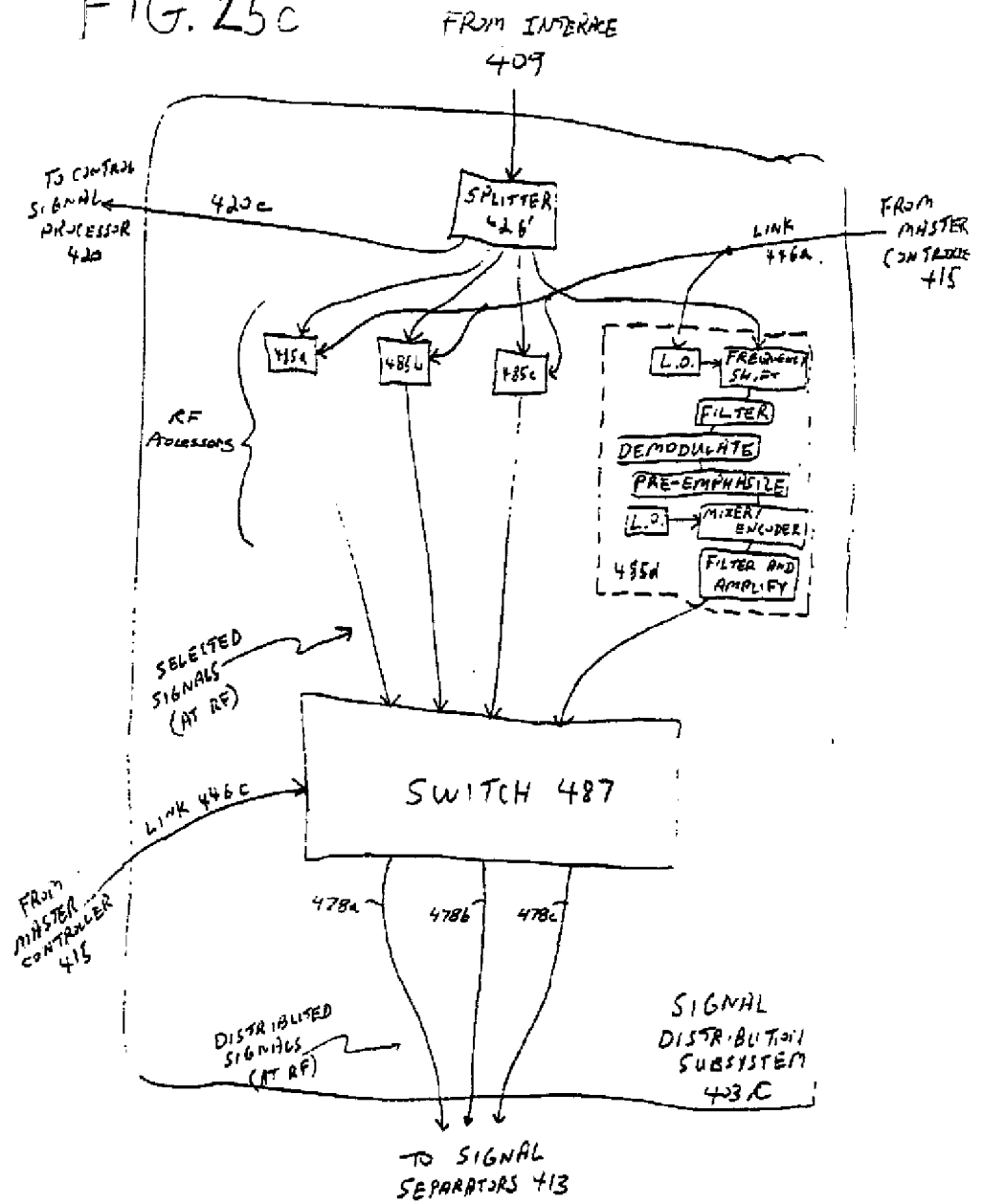
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FIG. 25b



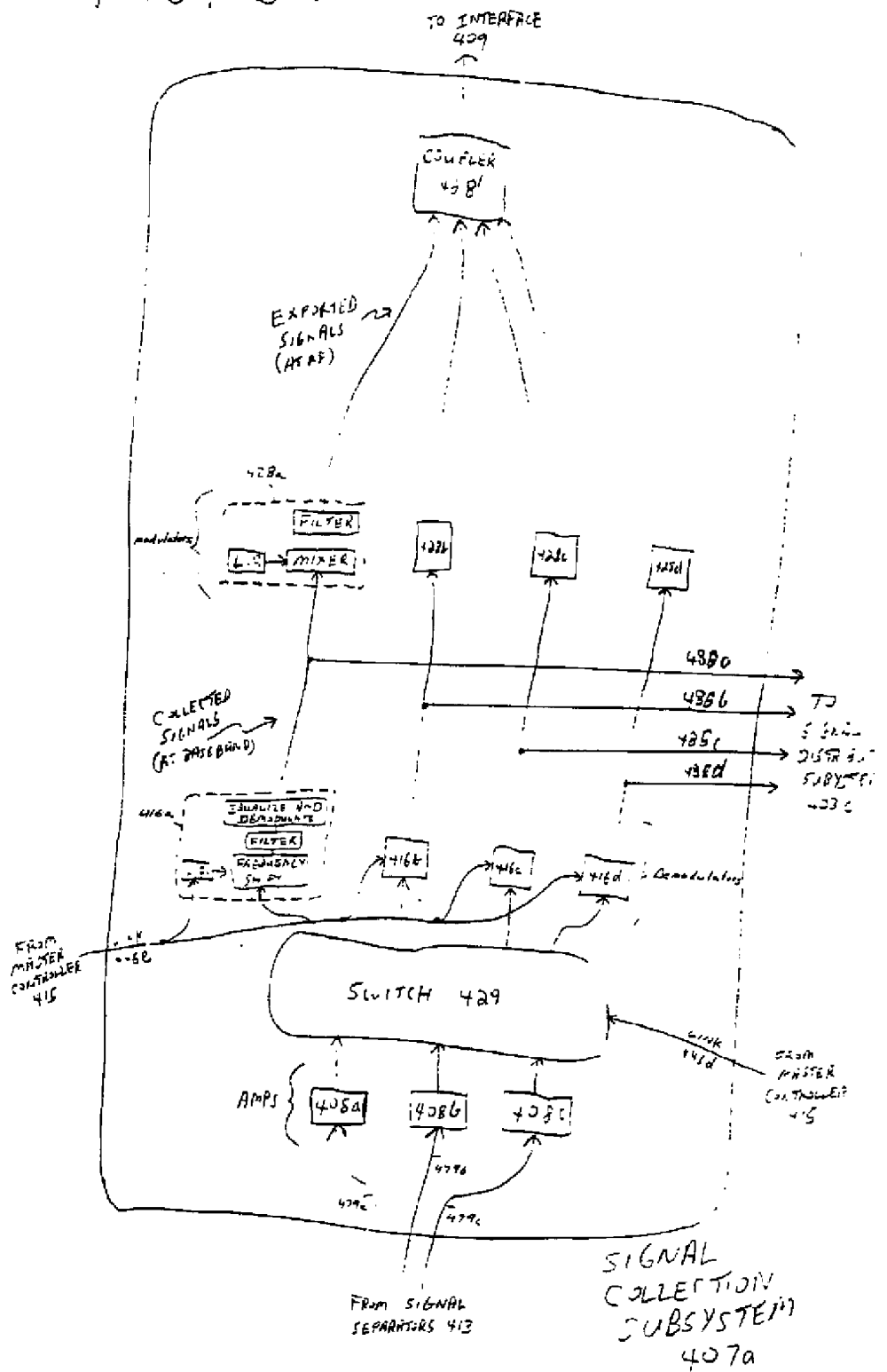
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FIG. 25c



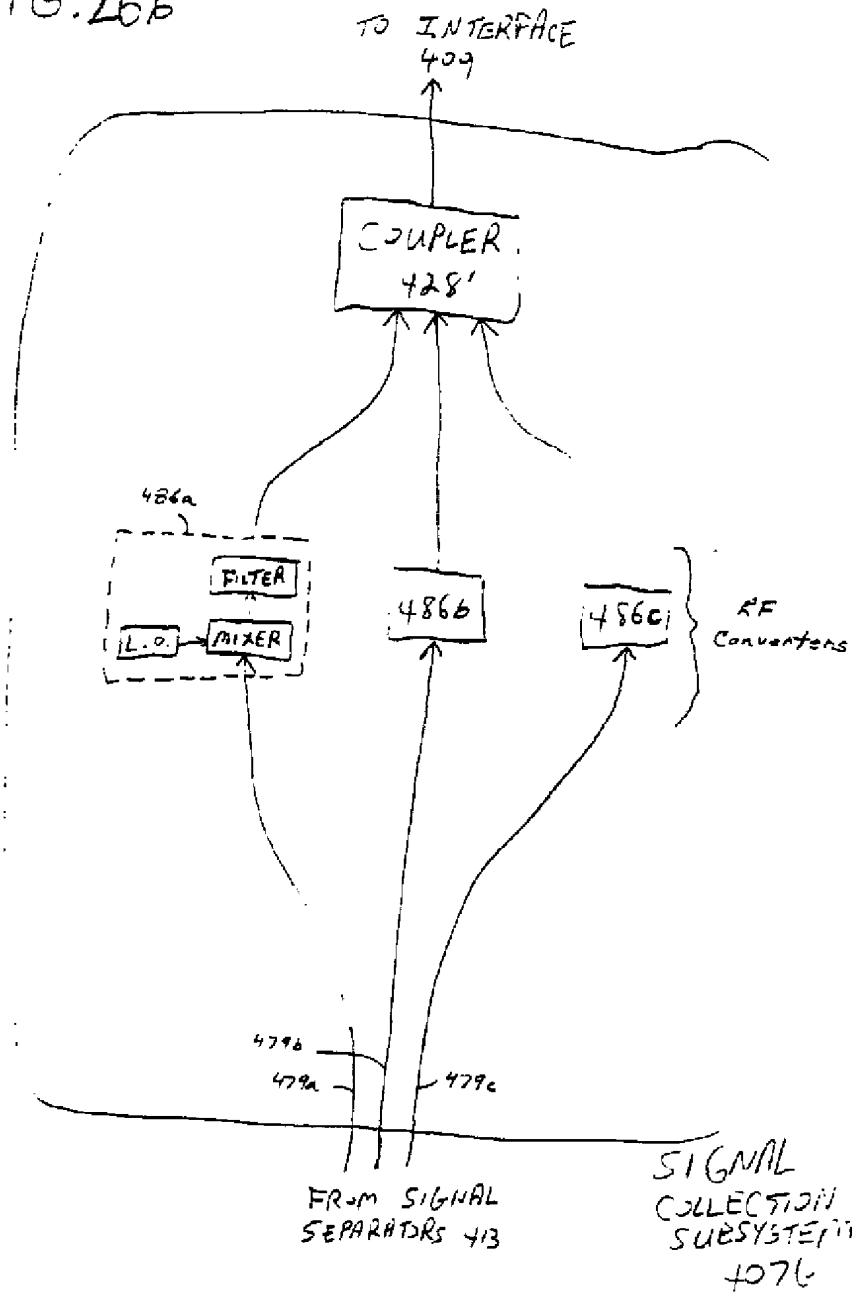
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FIG. 26a



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FIG. 26b



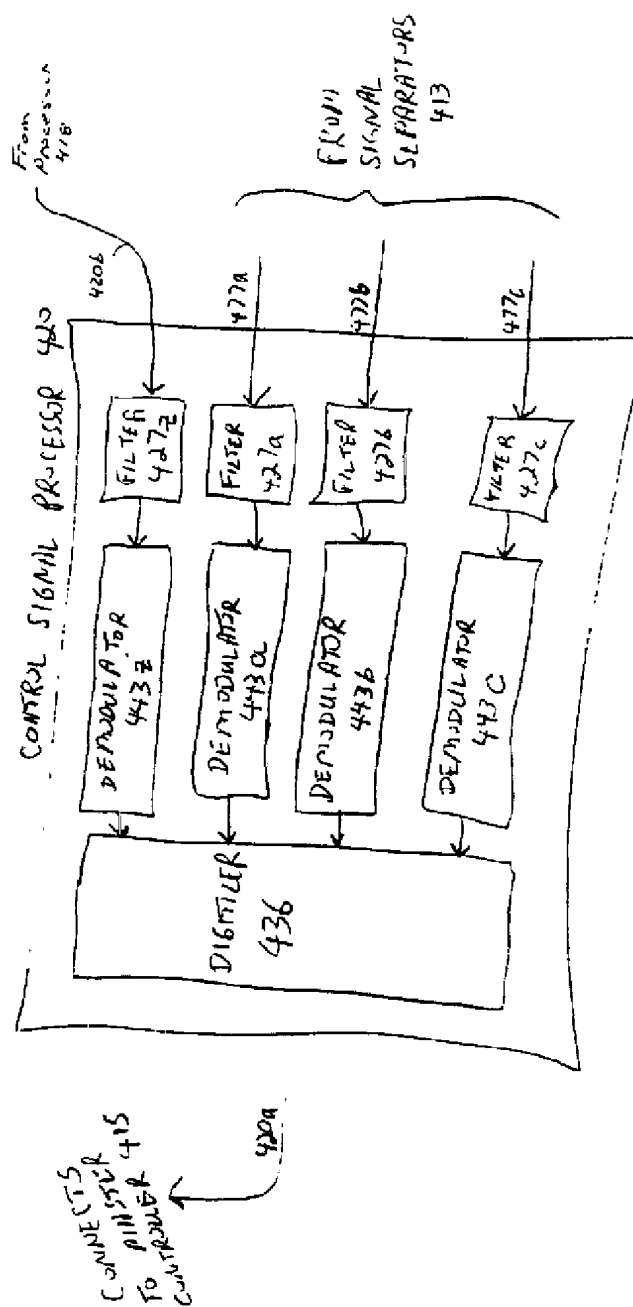


FIGURE 27

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FREQUENCY DURING
TRANSMISSION OVER
LOCAL NETWORKS (MHz)FREQUENCY DURING
TRANSMISSION OVER
EXTENDED PARS (MHz)

	ORIGIN/DEST	405a	405b	405c	411a	411b	411c
CONTROL	A	493a/415	22.75-23.25		22.75-23.25		
	B	493b/415	22.75-23.25		22.75-23.25		
	C	493c/415		22.75-23.25			22.75-23.25
VIDEO	U	402/492a	1-6 (AM)		12-18 (AM)		
	V	402/492b/492c/492d	7-22 (FM)	1-6 (AM)	24-30 (AM)	54-60 (AM)	12-18 (AM)
	W	494b/402		24-54 (FM)		6-12 (AM)	
	X	494c/402		24-54 (FM)			6-12 (AM)
DIGITAL	Y	402/495c		6-18			18-40
	Z	495c/402		54-100			1-6

F 11-98

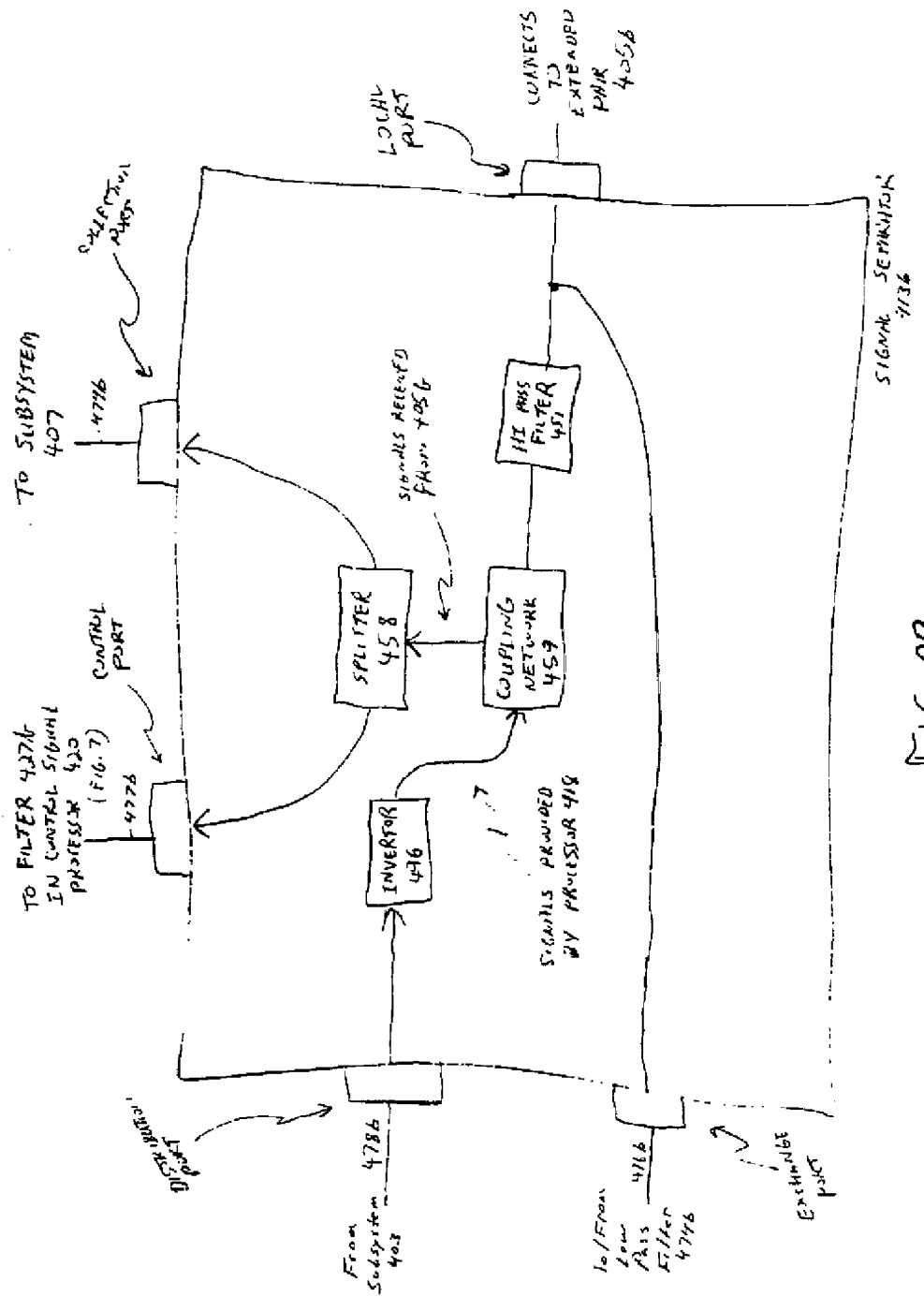


FIG. 29

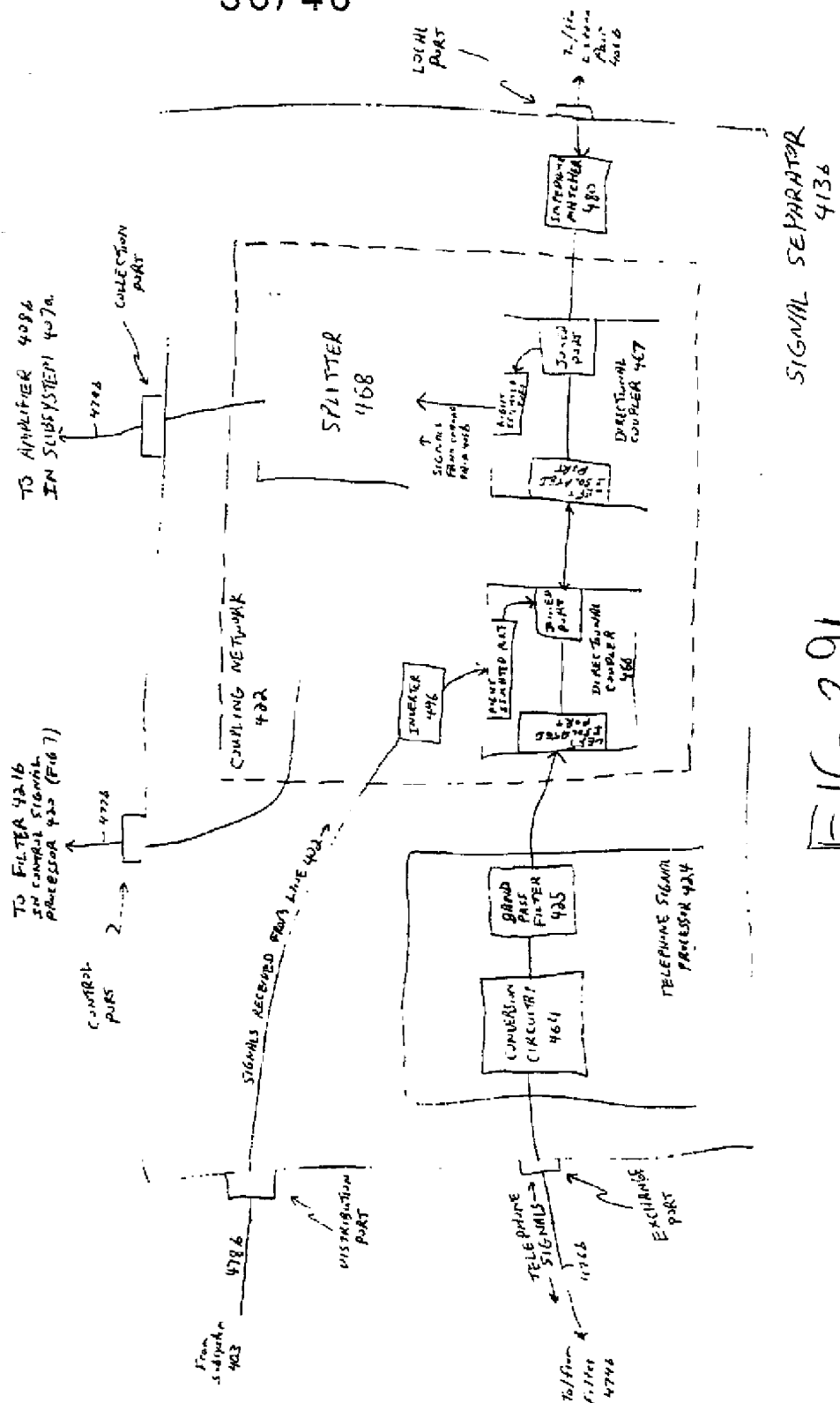
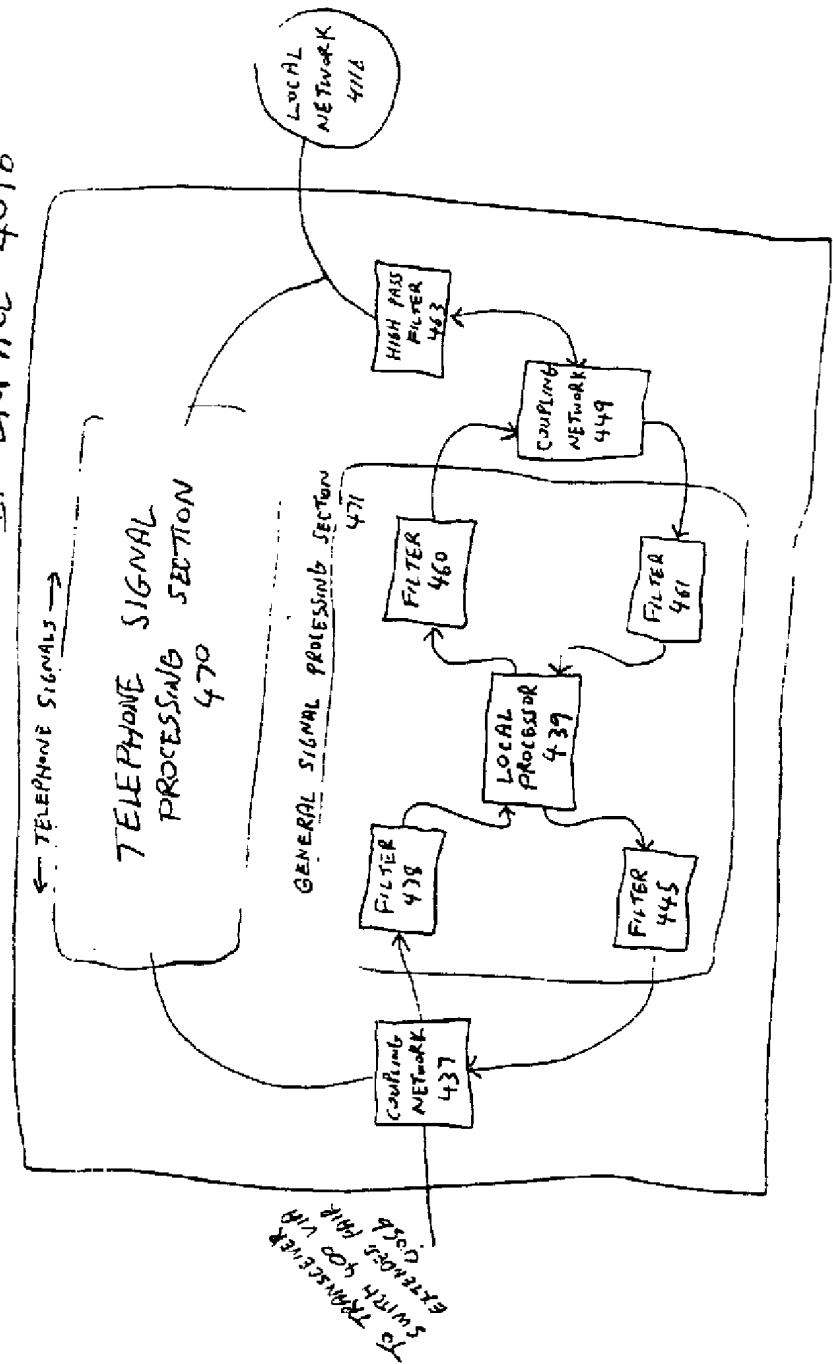


FIG. 29b

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LOCAL NETWORK
INTERFACE 4046



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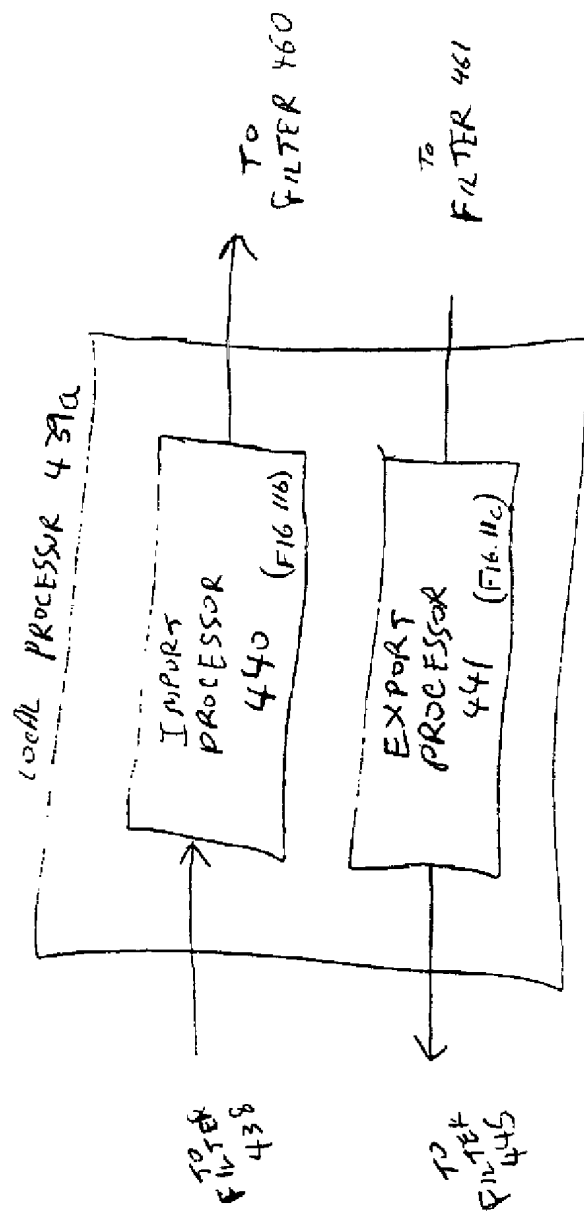
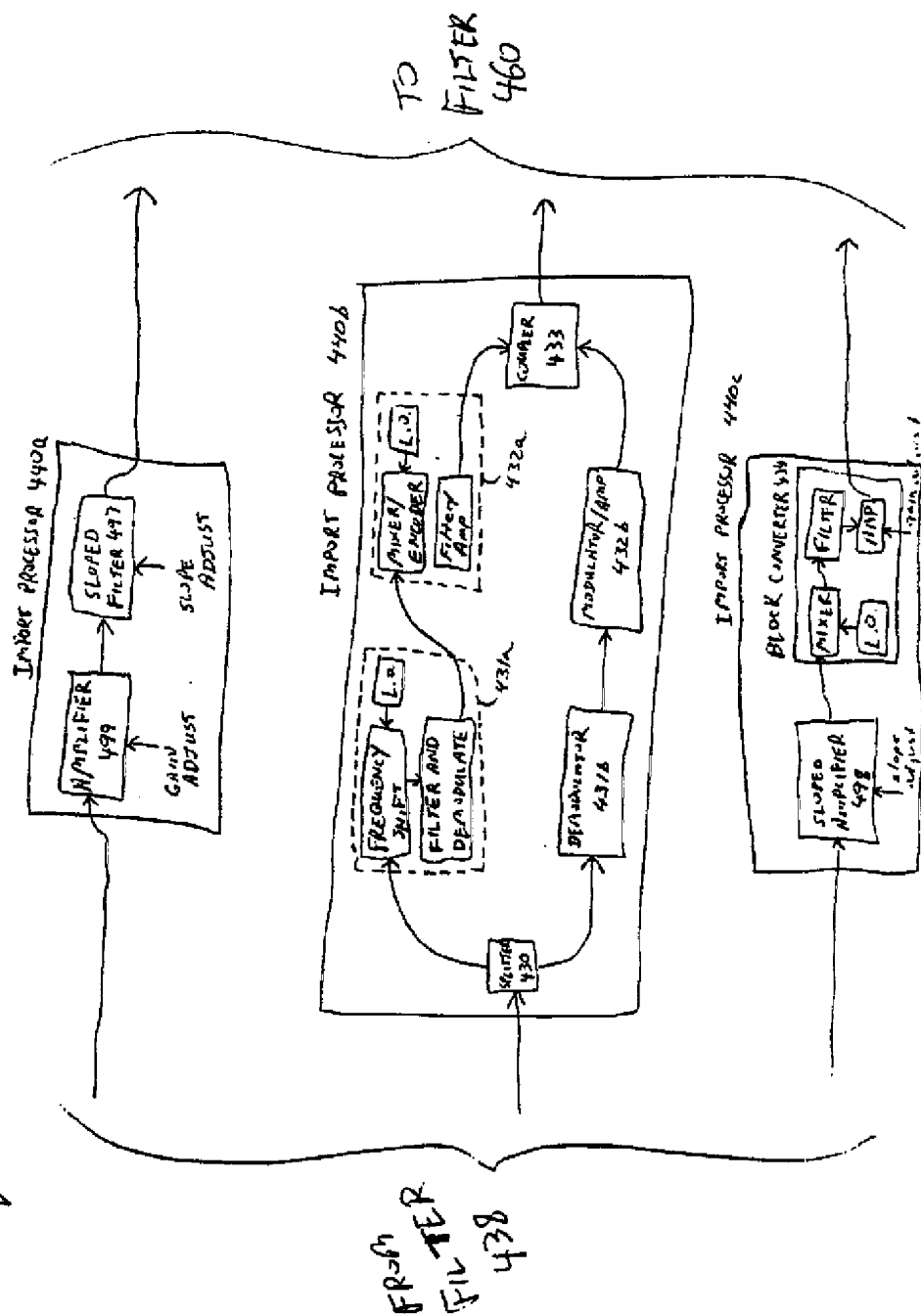


FIG. 31a

Fig. 316



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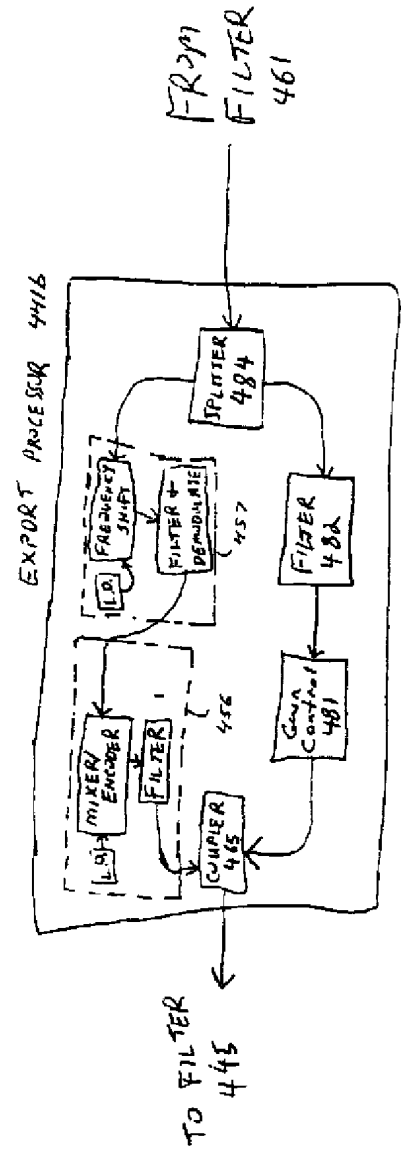
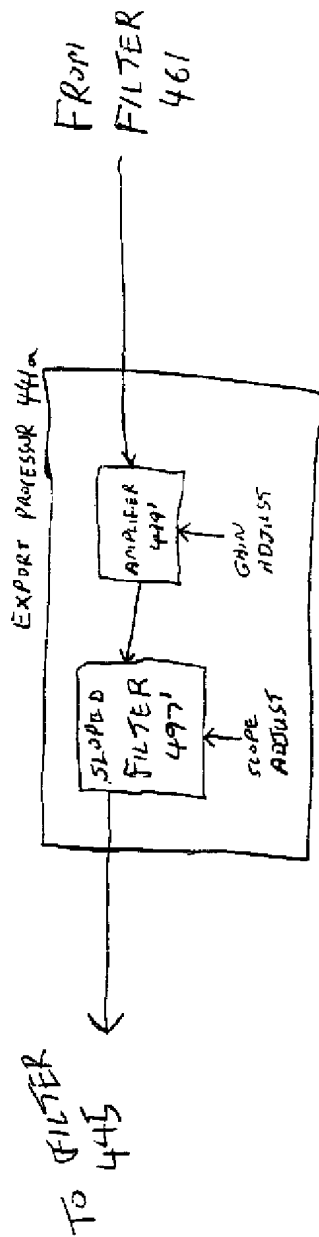


Fig. 21-

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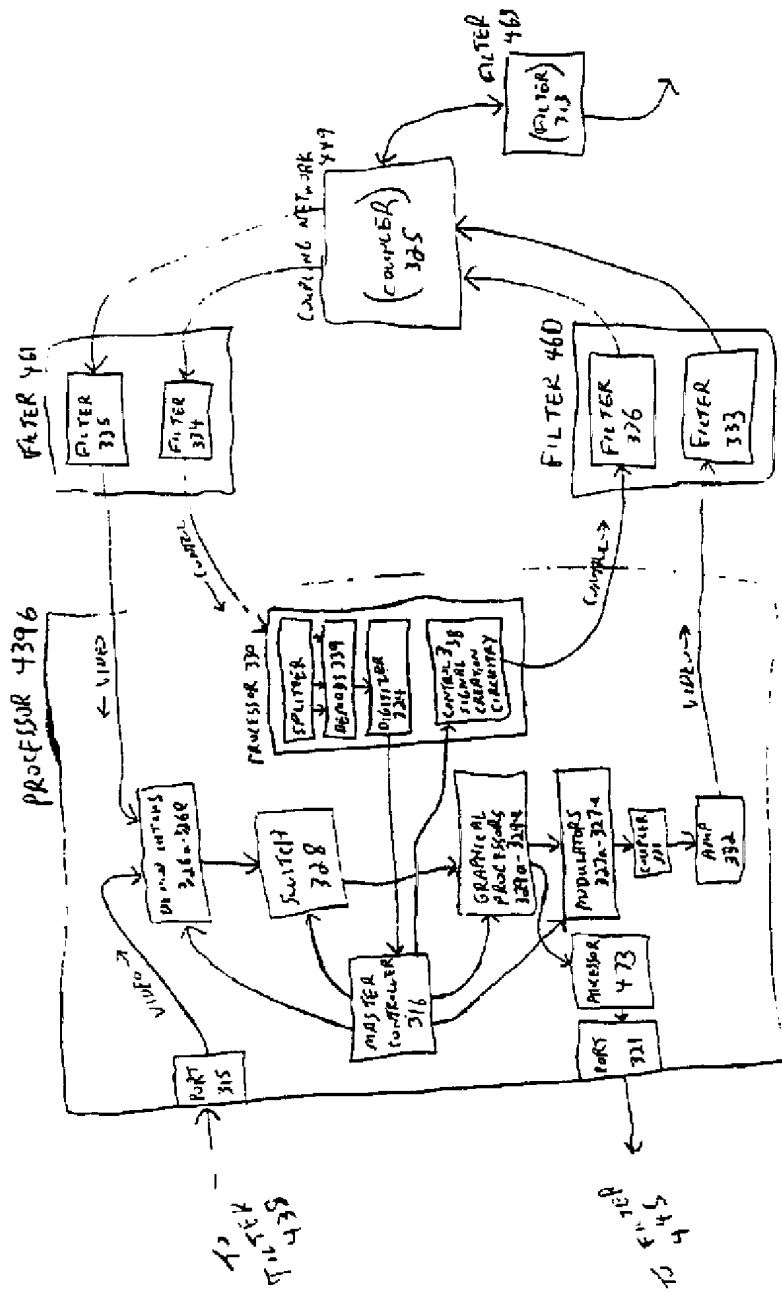


FIG. 32

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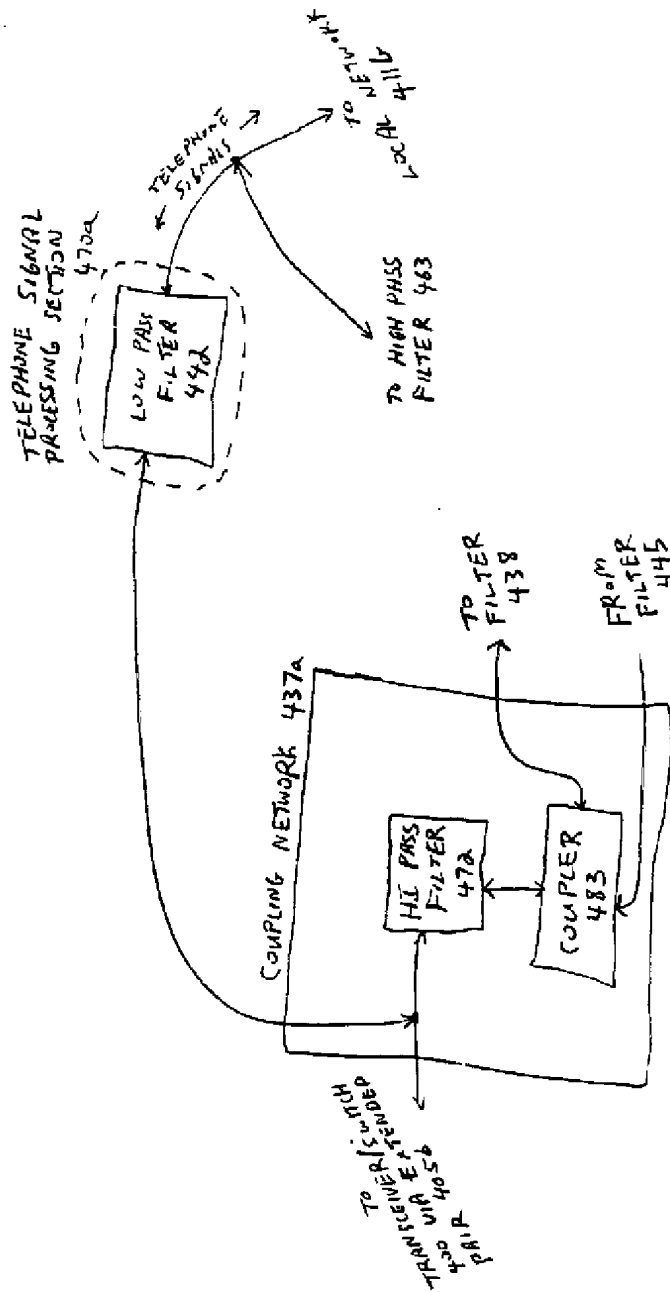
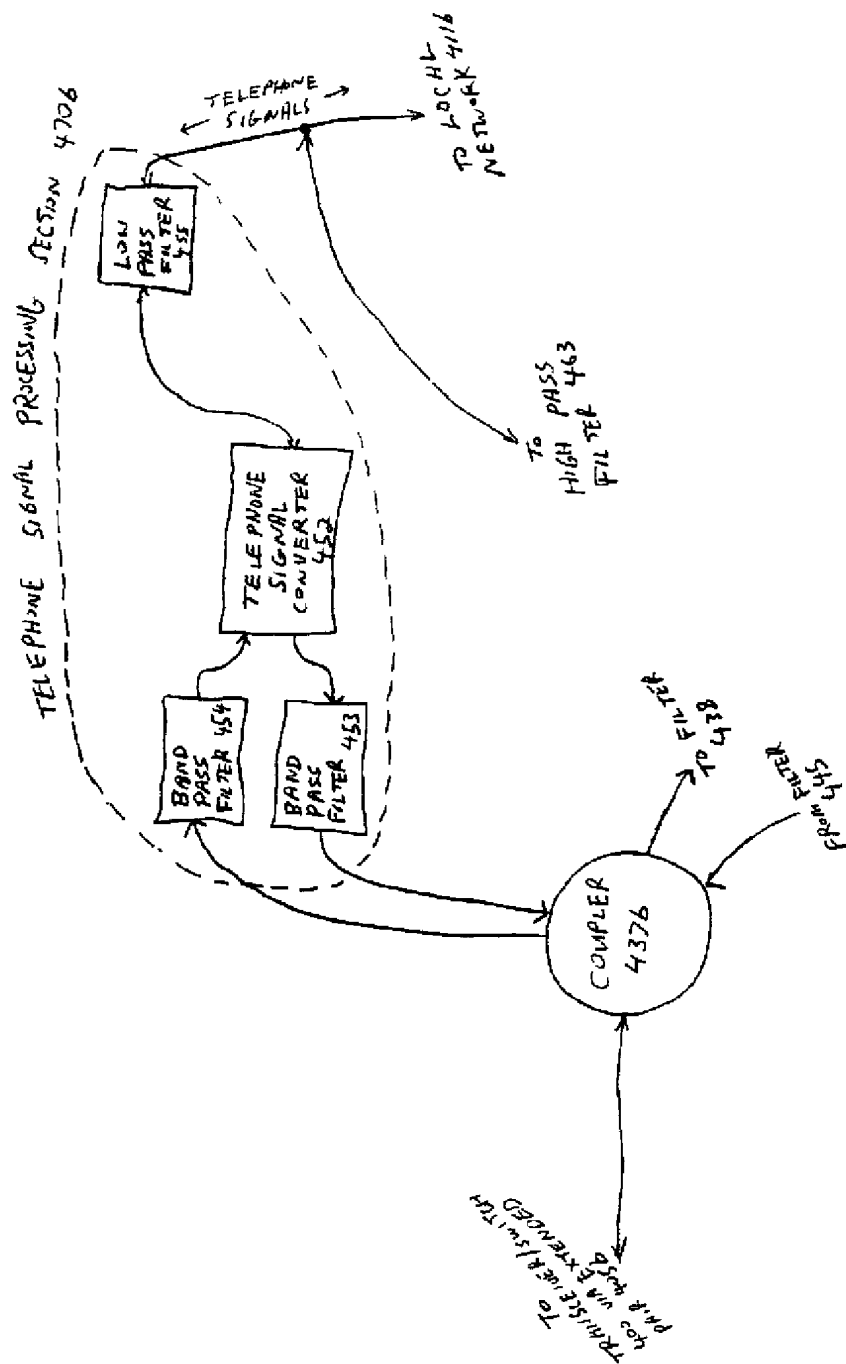


FIG. 33a

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FIG. 336



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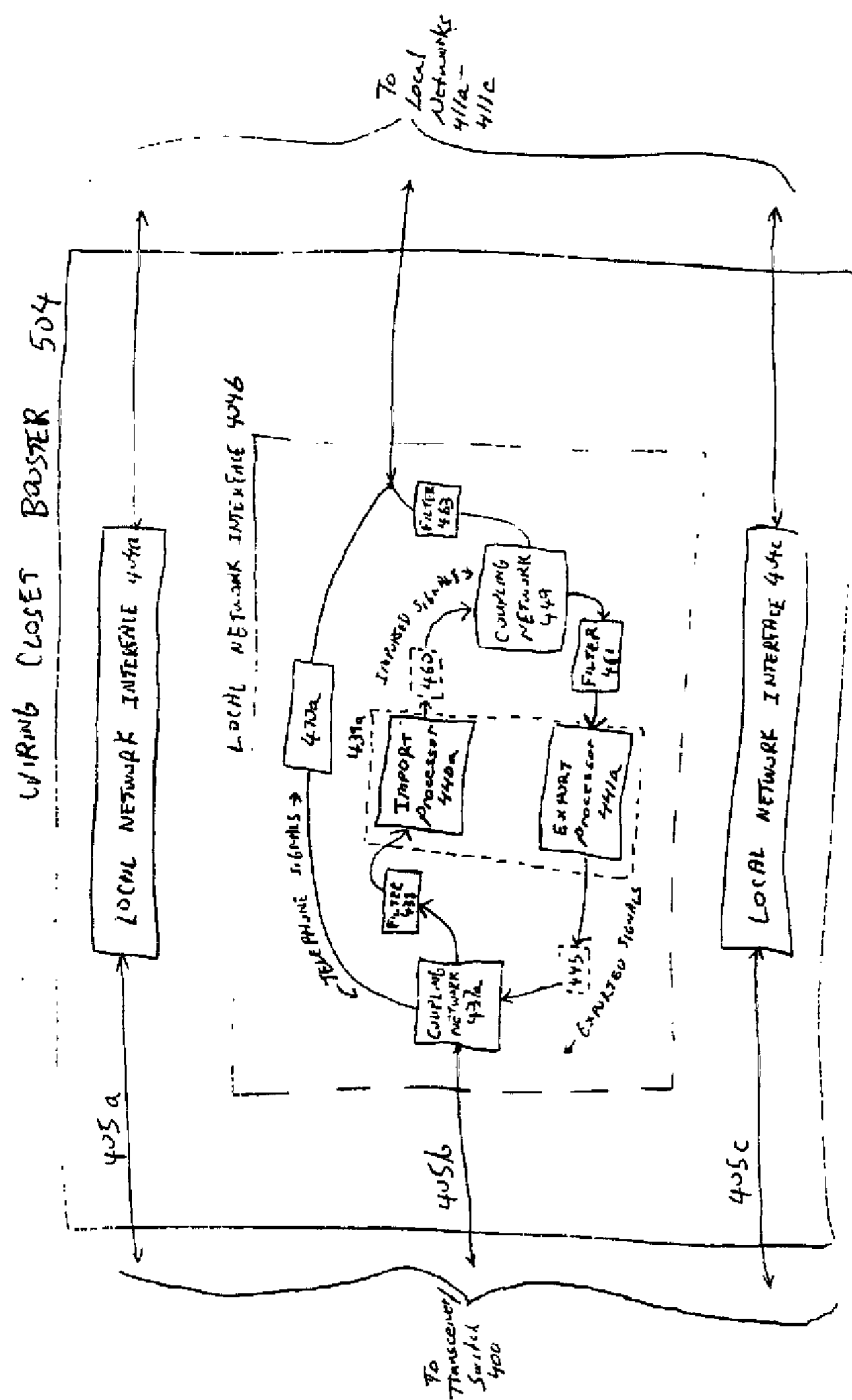


FIG. 34

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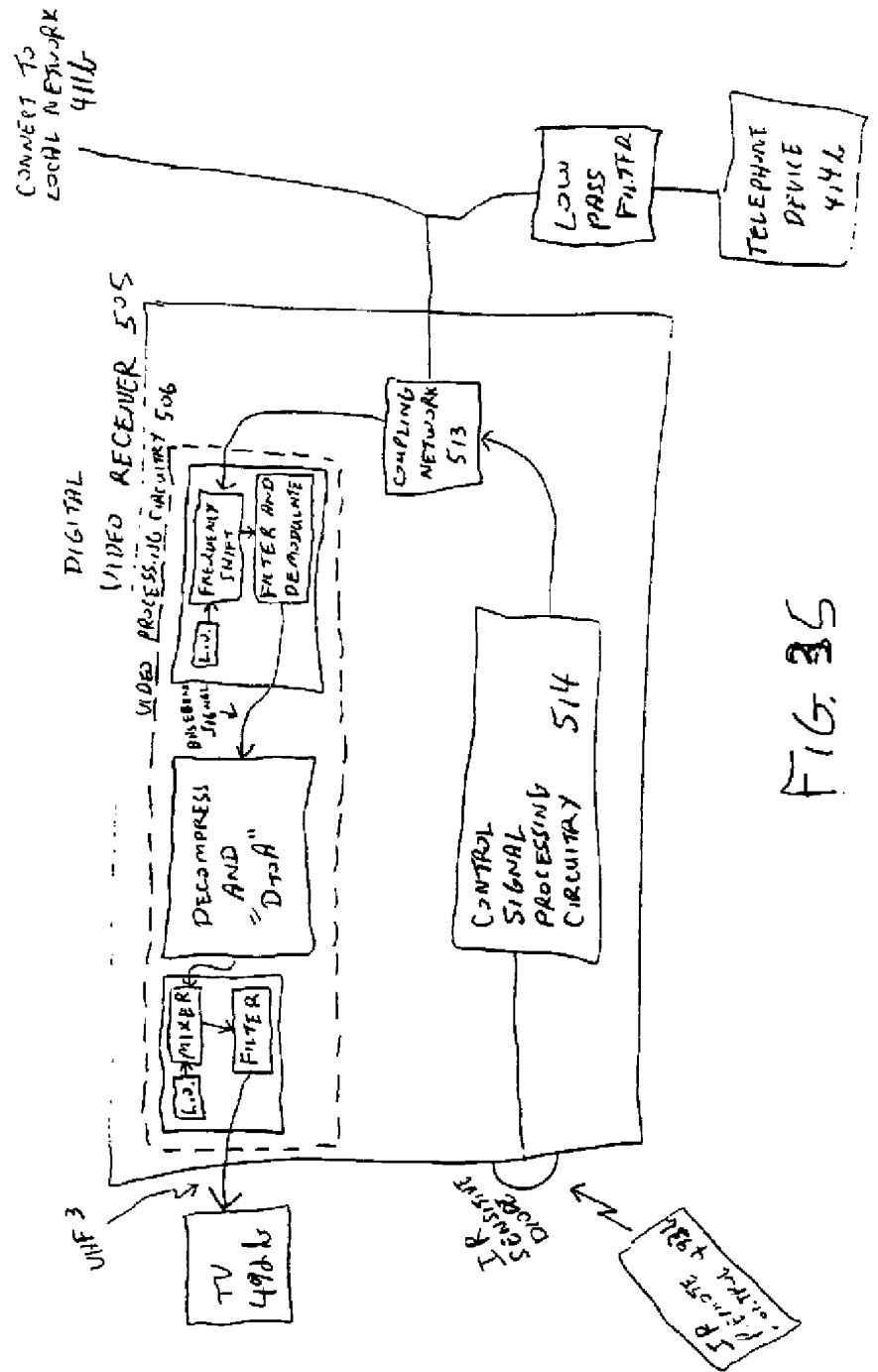
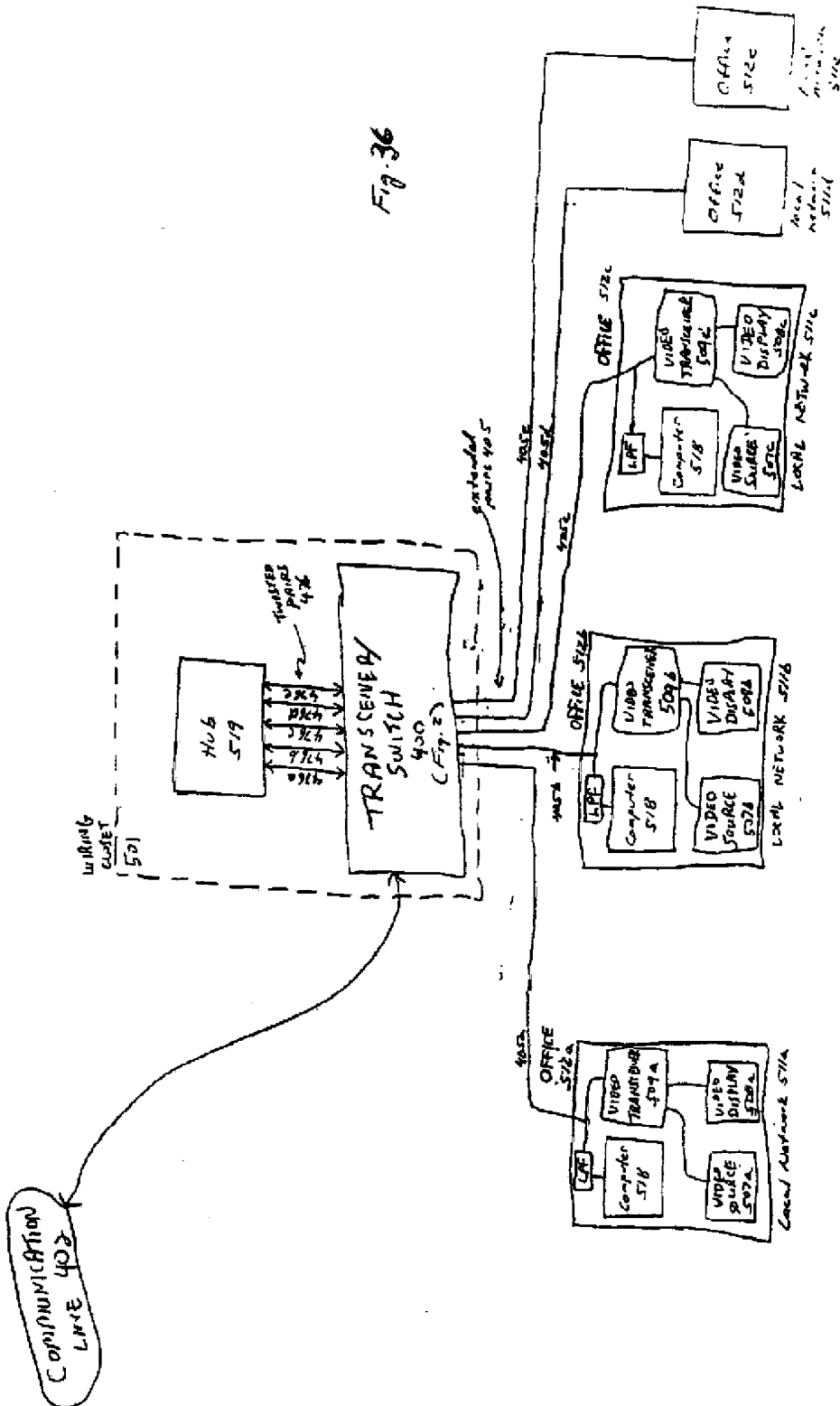


Fig. 36



INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/US92/10330

A. CLASSIFICATION OF SUBJECT MATTER

 IPC(5) H04N 7/14
 U.S. Class 358/85

Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 379/53,54,64,65,90,101,102,104,105,110,93,96-998; 358/86,194.1; 359/142,145-148; 381/2,3,29,31.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<u>X</u> Y	US,A, 3,723,653 (TATSUZAWA) 27 MARCH 1973 See abstract, all figures	1, 2, 4, 6, 8-14, 41-50, 54-65, 67, 68, 71-73, 77-80 51-53, 66, 69, 70, 74-76
<u>X</u> Y	EP,A, 0,244,260 (IWAMURA ET AL) 04 NOVEMBER 1987 See abstract	1, 2, 4, 6, 8-14, 41-50, 54-65, 67, 68, 71-73, 77-80 51-53, 66, 69, 70, 74-76

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

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A document defining the general state of the art which is not considered to be part of particular relevance	*X*	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
E earlier document published on or after the international filing date	*Y*	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Z*	document member of the same patent family
O document referring to an oral disclosure, use, exhibition or other means		
P document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

24 FEBRUARY 1993

Date of mailing of the international search report

28 APR 1993

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International application No.

PCT/US92/10330

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<u>X</u> Y	US,A, 4,849,811 (KLEINERMAN) 18 JULY 1989 See abstract, all figures	1, 2, 4, 6, 8-14, 41-50, 54-65, 67, 68, 71- <u>73, 77-80</u> 51-53, 66, 69, 70, 74-76
Y	WO,A, W088/05974 (GRANDMOUGIN) 11 AUGUST 1988 See abstract	1-29, 41-80
<u>X</u> Y	JP,A, 1-27358 (SUZUKI) 30 JANUARY 1989 See abstract	<u>1-16, 22-24</u> 17-21